

CROWELL & MORING, LLP
Intellectual Property Group
P.O. Box 14300
Washington, D.C. 20044-4300
(202) 624-2500

December 4, 2003

Customer No.

23911

Mail Stop: Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Re: New U.S. Patent Appln.

Our Ref: 056207.52990US



Sir:

Transmitted herewith for filing is the patent application of:

**Shigeki YAMADA, Shoji SASAKI, Hiroaki SAEKI and Masayuki
SUGANAMI**

Entitled: **POSITION CONTROL METHOD BY MOTOR DRIVE AND
CONTROL UNIT THEREFOR**

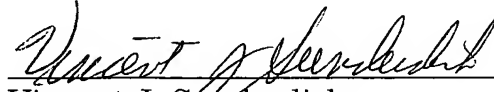
Enclosed are:

1. Specification, including 7 claims (33 pages).
2. 18 Sheets of Formal Drawings Showing Figs. 1-20.
3. Declaration and Power of Attorney (**Executed**).
4. Application Data Sheet
5. Assignment of the invention to Hitachi, Ltd. and Hitachi Car Engineering Co., Ltd.
6. Certified copy of Priority Document No. 2002-353184, filed in Japan on December 12, 2002, the priority of which is being claimed under 35 U.S.C. §119 and 37 C.F.R. §1.55.
7. Information Disclosure Statement w/5 references.
8. The filing fee has been calculated as shown below:

Basic Fee					\$385/770	=	\$770.00
Total Claims	<u>7</u>	-	20	=	<u>0</u>	x	\$9/18 = \$
Independent Claims	<u>2</u>	-		=	<u>0</u>	x	\$43/86 = \$
Multiple Dependent Claim Presented					\$140/280	=	\$
Total Filing Fee							<u>\$770.00</u>

Two checks in the amount of \$770.00 for the filing fee and \$40.00 for the assignment recording fee are enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 05-1323 (Docket #056207.52990US). A duplicate copy of this sheet is enclosed.

Respectfully submitted,



Vincent J. Sunderdick
Reg. No. 29,004

VJS:adb